

Amendments to the Claims:

The following is a complete set of claims, replacing all prior versions or sets of claims in the application:

Claims 1-54 (canceled)

- 1 Claim 55 (currently amended): A dip-molded article of a rubber that is substantially pore-free, formed by a process comprising:
 - 3 (a) dipping a forming member in a latex comprising
 - 4 (i) a rubber-forming substance and
 - 5 (ii) a vulcanizing agent,
 - 6 said forming member having an outer surface with a contour complementary to that of
 - 7 said article;
 - 8 (b) withdrawing said forming member from said latex in such a manner as to
 - 9 leave a film of said latex over said outer surface;
 - 10 (c) immersing said forming member with said latex thereon in a chemically inert
 - 11 liquid bath at a temperature and for a period of time sufficient to cause vulcanization of
 - 12 said rubber-forming substance by said vulcanizing agent; and
 - 13 (d) withdrawing said forming member from said liquid bath latex and separating
 - 14 said substantially pore-free article of rubber from said forming member.
- 1 Claim 56 (previously presented): A dip-molded article in accordance with claim 55 in which
- 2 said liquid bath of step (c) is a member selected from the group consisting of molten inorganic
- 3 salts, oils, glycols, liquified metals, and brine solutions.
- 1 Claim 57 (previously presented): A dip-molded article in accordance with claim 55 in which
- 2 said liquid bath of step (c) is a member selected from the group consisting of molten inorganic
- 3 salts, silicone oils, and glycols.

- 1 Claim 58 (previously presented): A dip-molded article in accordance with claim 55 in which
2 said liquid bath of step (c) is a member selected from the group consisting of molten inorganic
3 salts and mixtures thereof.

- 1 Claim 59 (previously presented): A dip-molded article in accordance with claim 58 in which
2 said molten inorganic salts are members selected from the group consisting of nitrates, nitrites,
3 carbonates, sulfates, phosphates, and halides of potassium, sodium and lithium.

- 1 Claim 60 (previously presented): A dip-molded article in accordance with claim 55 in which
2 said temperature of step (c) is from about 100°C to about 350°C.

- 1 Claim 61 (previously presented): A dip-molded article in accordance with claim 55 in which
2 said vulcanizing agent is a member selected from the group consisting of organic peroxides,
3 sulfur-containing compounds, selenium-containing compounds, and tellurium-containing
4 compounds.

- 1 Claim 62 (previously presented): A dip-molded article in accordance with claim 55 in which
2 said vulcanizing agent is a member selected from the group consisting of diacyl peroxides,
3 peroxyketals, dialkyl peroxides, mercaptotiazoles, thiuram sulfides, thiuram disulfides,
4 guanidines, zinc dialkyl dithiocarbamates, selecium dialkyl dithiocarbamates, sodium
5 diethyldithiocarbamate, potassium diethyldithiocarbamate, alkyl phenol sulfides, sulfur-
6 containing polymers, and benzothiazyl disulfide.

- 1 Claim 63 (previously presented): A dip-molded article in accordance with claim 55 in which
2 said vulcanizing agent is an organic peroxide.

- 1 Claim 64 (previously presented): A dip-molded article in accordance with claim 55 in which
2 said vulcanizing agent is dicumyl peroxide.

- 1 Claim 65 (previously presented): A dip-molded article in accordance with claim 55 in which
2 said rubber-forming substance of step (a) is not vulcanized prior to step (a).

- 1 Claim 66 (previously presented): A dip-molded article in accordance with claim 55 in which
- 2 said rubber-forming substance is partially vulcanized prior to step (a).

- 1 Claim 67 (previously presented): A dip-molded article in accordance with claim 66 in which
- 2 said rubber-forming substance is partially vulcanized prior to step (a) by high energy irradiation.